

June 7, 1971

**MINE INSPECTION REPORT  
JACKPILE-PAGUATE OPEN-PIT MINE  
UNITED PUEBLO AGENCY  
LAGUNA PUEBLO RESERVATION  
VALENCIA COUNTY, NEW MEXICO**

**LAGUNA PUEBLO  
TRIBAL LEASES**

by  
**Philip B. Mudgett  
Mining Engineer**

**U. S. DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
BRANCH OF MINING OPERATIONS  
CONSERVATION DIVISION**

Confidential Claim Retracted

Authorized by: SC

Date: 6/20/73

The Anaconda Company's Jackpile-Paguato open-pit uranium mine was inspected by the writer on May 21, 1971, in the company of Gerry Dohm, Senior Mine Engineer for these operations. The mine comprises two adjacent open-pit excavations on the Laguna Indian Reservation located about 8.5 miles north of Laguna Pueblo. They were last inspected by an engineer from the Carlsbad office on February 17, 1971.

The mine was being operated two shifts a day, 6 days a week by 300 employees working 5 shifts a week. Substantially all of the 3,000 tons of daily ore output was being produced from the Paguato pit.

No significant changes were noted in the operational methods or in the rates of stripping and ore production in effect during the last inspection.

Stripping of overburden in the westerly extension of the Jackpile pit was being continued with only a token amount of ore produced during this month only. Heavy equipment used in this operation will continue to be serviced in the old maintenance and repair shops. However, a second radiometric scanner is being erected near the west end of the pit extension to shorten the truck haul to the ore blending stockpiles located between the two pits.



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Rapid removal of overburden in the southerly extension of the Paguate pit on lease tract #4 has been continued with January 4, 1973 set as the date for commencement of ore production. Waste materials from this stripping operation were being dumped from the nearby south rim of North Oak Mesa into an embayment of Oak Canyon which will provide ample dump room for all future requirements without blocking the Oak Creek drainage. New shops for the maintenance and repair of ore trucks and other heavy equipment being used in all of the Paguate pit operations have been erected across the canyon on South Oak Mesa.

Health and safety conditions at the mine were reported by the U. S. Bureau of Mines on March 26, 1971 to be generally satisfactory.

No violation of the lease terms were observed.

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Orig. to: Supt., United Pueblos, Albuquerque  
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: Chief, Branch of Mining Operations  
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